

Fig 1. Effect of reduced formulas on AHR and % of eosinophils comparing with ASHMI (LG, Ling Zhi and Gan Cao; LK, Ling Zhi and Ku Shen; KG, Ku Shen and Gan Cao)

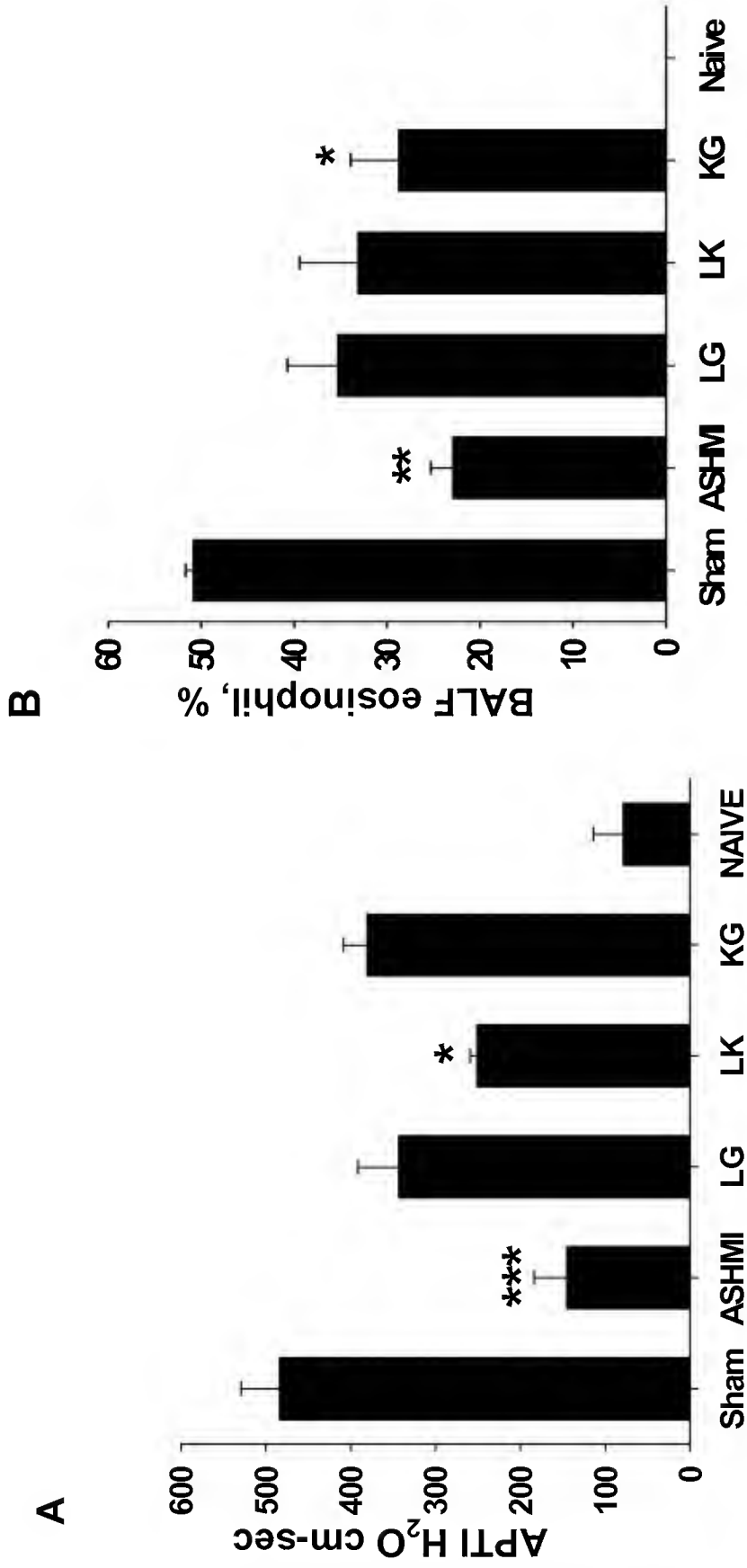


Table 1. IC25 and IC50 values and concentration ratios of ASHMI, Ling-Zhi, Ku-Shen and Gan-Cao on eotaxin-1 inhibition

	IC ₂₅ ±S.E.	IC ₅₀ ±S.E.	Conc, in ASHMI at ASHMI IC ₂₅	Conc, in ASHMI at ASHMI IC ₅₀	Concentration ratio at IC ₂₅	Concentration ratio at IC ₅₀
ASHMI	10.7±1.8	28.2 ±4.8	-	-	-	-
Ling-Zhi	14.3±1.6	25.8 ±2.1	3.8 ±0.6	9.9 ±1.8	0.27	0.38
Ku-Shen	26.0 ±2.8	92.0 ±17	4.8 ±0.8	12.7 ±2.1	0.19	0.14
Gan-Cao	21.3 ±5.8	173.3 ±17.6	2.1 ±0.4	5.6 ±1.0	0.10	0.03
Interaction Index (II)						0.55

Concentration ratio : $\frac{\text{Concentration of herb in ASHMI @ IC}_{25} \text{ or IC}_{50}}{\text{IC}_{25} \text{ or IC}_{50} \text{ of herb alone}}$

Table 2: IC₂₅ and IC₅₀ values and concentration ratios of ASHMI, Ling-Zhi, Ku-Shen and Gan-Cao on IL-4 inhibition

	IC ₂₅ (95% CI)	IC ₅₀ (95% CI)	Conc, in ASHMI at ASHMI IC ₂₅	Conc, in ASHMI at ASHMI IC ₅₀	Concentration ratio at IC ₂₅	Concentration ratio at IC ₅₀
ASHMI	30.9 (25.1-38.9)	158.5 (131.8-190.5)	-	-	-	-
Ling-Zhi	79.4 (67.6-95.5)	239.9 (199.5-263.0)	10.8	55.8	0.14	0.23
Ku-Shen	123.0 (100-158.5)	446.7 (398.1-524.8)	13.9	71.3	0.11	0.16
Gan-Cao	64.6 (52.5-79.4)	281.8 (239.9-331.1)	6.2	31.7	0.10	0.11
Interaction Index (II)					0.35	0.50

Interaction Index (II) =
$$\frac{\text{Concentration of herb in ASHMI @ IC}_{25} \text{ or IC}_{50}}{\text{IC}_{25} \text{ or IC}_{50} \text{ of herb alone}}$$